

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/007058

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 A61C8/00 A61B17/86

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61C A61B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 974 311 A (PERONA ALVARO MANUEL) 26 January 2000 (2000-01-26) paragraph '0007! - paragraph '0032!; claim 1; figures 1-6	1-5, 7-9
X	US 2002/055783 A1 (EK STEVEN W ET AL) 9 May 2002 (2002-05-09) paragraph '0096! - paragraph '0098!; figures 2, 3, 5	1, 3-8, 10, 12
X	US 6 039 568 A (HINDS KENNETH F) 21 March 2000 (2000-03-21) column 7, line 36 - column 9, line 28; claim 5; figures 1-9	1, 3, 7, 8, 10-12
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

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Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 302 126 A (BAUMAYR HANS ET AL) 12 April 1994 (1994-04-12) column 3, line 3 - line 42; figures 1B, 2-8A ----	1, 3, 4, 7-9, 13
X	US 2002/102518 A1 (MENA RAUL R) 1 August 2002 (2002-08-01) paragraph '0019! - paragraph '0021!; figure 1 ----	1-3, 9
X	EP 0 922 439 A (FARACI FRANCESCO ; L S S LIFE SUPPORT SYSTEMS S P (IT)) 16 June 1999 (1999-06-16) paragraph '0034! - paragraph '0053!; figures 3, 4 ----	1, 3, 7-9
X	DE 102 04 324 A (FRIADENT GMBH) 22 August 2002 (2002-08-22) paragraph '0020! - paragraph '0027!; figures 2-4 -----	1, 3, 6-9, 12

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/007058

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0974311	A	26-01-2000	ES 2153738 A1	01-03-2001
			ES 2158777 A1	01-09-2001
			EP 0974311 A1	26-01-2000
			US 6099312 A	08-08-2000
US 2002055783	A1	09-05-2002	US 2002147498 A1	10-10-2002
			US 2003060887 A1	27-03-2003
			US 2003120276 A1	26-06-2003
			US 2003225456 A1	04-12-2003
			US 2004015170 A1	22-01-2004
			US 2004148030 A1	29-07-2004
			AU 5932701 A	12-11-2001
			CA 2407440 A1	08-11-2001
			EP 1278460 A2	29-01-2003
			JP 2003531657 T	28-10-2003
			WO 0182677 A2	08-11-2001
US 6039568	A	21-03-2000	NONE	
US 5302126	A	12-04-1994	NONE	
US 2002102518	A1	01-08-2002	NONE	
EP 0922439	A	16-06-1999	IT MI970891 U1	14-06-1999
			EP 0922439 A2	16-06-1999
DE 10204324	A	22-08-2002	DE 10204324 A1	22-08-2002
			WO 02062255 A1	15-08-2002
			EP 1355581 A1	29-10-2003
			US 2004146834 A1	29-07-2004